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AUG 25 2003

DECLARATION AND POWER OF ATTORNEY FOR
UNITED STATES LETTERS PATENT APPLICATION

Technology Center 2100

As below-named inventors, we, David L. Black, Stephen D. MacArthur, Richard G. Wheeler, Robert A. Thibault and Michael Shulman each hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK filed on June 29, 2000, assigned Application No. 09/606,734 and identified as Attorney Docket No. 07072-113001 (now EMC2-056PUS)

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application Number | Date of Filing (month, day, year) | Priority Claimed Under 35 USC 119 |
|---------|--------------------|--------------------------------------|--------------------------------------|
| | | | _ Yes No _ |
| | | | _ Yes No _ |
| | | | |
| | | | |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS
FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

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I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

| Application Number | Date of Filing (month, day, year) | Priority Claimed Under 35 USC 119(e) |
|--------------------|--------------------------------------|--|
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Number | Date of Filing (month,day,year) | Status (Patented/Pending/Abandoned) |
|--------------------|------------------------------------|--|
| | | |
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

| | |
|----------------------|-----------------|
| John M. Gunther | Reg. No. 26,175 |
| Leanne J. Fitzgerald | Reg. No. 40,606 |
| Krishnendu Gupta | Reg. No. 37,977 |
| Penelope S. Wilson | Reg. No. 29,751 |
| William R. Clark | Reg. No. 29,523 |
| Robert Kevin Perkins | Reg. No. 36,634 |

all of EMC Corporation, 176 South Street, Hopkinton, MA 01748, and I hereby appoint:


| | |
|-----------------------|-----------------|
| Christopher S. Daly | Reg. No. 37,303 |
| Judith C. Crowley | Reg. No. 35,091 |
| Donald F. Mofford | Reg. No. 33,740 |
| Paul D. Durkee | Reg. No. 41,003 |
| Richard M. Sharkansky | Reg. No. 25,800 |
| David W. Rouille | Reg. No. 40,150 |
| Kermit Robinson | Reg. No. 48,734 |
| Robert V. Klauzinski | Reg. No. 42,742 |
| Cathy L. Peterson | Reg. No. 41,249 |


all of Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton MA 02021-2354, jointly, and each of them severally, my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

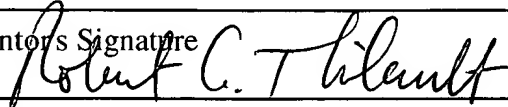
Please direct all telephone calls and address all correspondence to:

Richard M. Sharkansky
 Daly, Crowley & Mofford, LLP
 275 Turnpike Street - Suite 101
 Canton, MA 02021-2354
 Telephone No. (781) 401-9988 x23
 Facsimile: (781) 401-9966

| | |
|---|-----------------------------|
| Full name of sole or First Joint Inventor David L. Black | |
| Inventor's Signature <i>David L. Black</i> | Date <i>21 July 2003</i> |
| Residence 237 Central Street Acton, MA 01720 | |
| Country of Citizenship United States | |
| Post Office Address (if different) | |

| | |
|--|-------------|
| Full name of sole or First Joint Inventor Stephen D. MacArthur | |
| Inventor's Signature  | Date 7/9/03 |
| Residence 10 Lancaster Street Northboro, MA 01532 | |
| Country of Citizenship United States | |
| Post Office Address (if different) | |

| | |
|--|--------------|
| Full name of sole or First Joint Inventor Richard G. Wheeler | |
| Inventor's Signature  | Date 7/14/03 |
| Residence 61 Winslow Road Belmont, MA 02478 | |
| Country of Citizenship United States | |
| Post Office Address (if different) | |

| | |
|--|-------------------|
| Full name of Second Joint Inventor Robert A. Thibault | |
| Inventor's Signature  | Date July 9, 2003 |
| Residence 17 Edmund Brigham Way Westboro, MA 01581 | |
| Country of Citizenship United States | |
| Post Office Address (if different) | |

| | |
|---|-----------------|
| Full name of Second Joint Inventor Michael Shulman | |
| Inventor's Signature <i>Michael Shulman</i> | Date 7/10/03 |
| Residence 72 Flavell Road Groton, MA 01450 | |
| Country of Citizenship United States | |
| Post Office Address (if different) | |

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David Black et al.
Serial No.: : 09/606,734
Filed : June 29, 2000
Entitled : DATA STORAGE SYSTEM
HAVING SEPARATE DATA
TRANSFER SECTION AND
MESSAGE NETWORK
Docket : EMC2-056PUS (formerly 07072-
113001)

Group Art Unit: 2187

Examiner: Than Vinh Nguyen

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Certificate of Mailing (37 C.F.R. 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria VA 22313-1450 on the date set forth below.

8/18/03
Date of Signature
and Mail Deposit

By: Judith C. Tarrant
Judith C. Tarrant

PETITION TO CORRECT INVENTORSHIP
INVENTOR'S DECLARATION

Mail Stop Petition
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I, Michael Shulman, hereby declare:

08/22/2003 KBETEHAI 00000014 09606734

01 FC:1460

130.00 OP

1. That I am an original joint inventor of the above-captioned patent application.
2. That through error, without any deceptive intention on his part or that of any actual inventor, the above-captioned application was filed naming only the names of David L. Black, Stephen D. MacArthur and Richard G. Wheeler, as joint inventors. This error was discovered after the application was filed.
3. That all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 7/10/03

Michael Shulman
Michael Shulman
72 Flavell Road
Groton, MA 01450



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David Black et al.
Serial No.: : 09/606,734
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By: Judith C. Tarrant
Judith C. Tarrant

PETITION TO CORRECT INVENTORSHIP
INVENTOR'S DECLARATION

Mail Stop Petition
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I, Robert A. Thibault, hereby declare:

1. That I am an original joint inventor of the above-captioned patent application.
2. That through error, without any deceptive intention on his part or that of any actual inventor, the above-captioned application was filed naming only the names of David L. Black, Stephen D. MacArthur and Richard G. Wheeler, as joint inventors. This error was discovered after the application was filed.
3. That all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

July 9, 2003



Robert A. Thibault
17 Edmund Brigham Way
Westboro, MA 01581